

What is claimed is:

1. An adjustable shock absorber comprising:
 - a pressure tube defining a working chamber;
 - a piston rod extending through said pressure tube and into said working chamber;
 - a piston slidably disposed within said pressure tube and connected to said piston, said piston dividing said working chamber into an upper working chamber and a lower working chamber;
 - a valve assembly separate from said piston in communication with said upper and lower working chambers, said valve assembly including a first variable orifice in communication with said upper working chamber for controlling flow from said upper working chamber and a second variable orifice in communication with said lower working chamber for controlling flow from said lower working chamber.
2. The adjustable shock absorber according to Claim 1 wherein, said valve assembly includes a solenoid valve having means for controlling said first variable orifice.
3. The adjustable shock absorber according to Claim 2 wherein, said means for controlling said first variable orifice includes a spool valve.
4. The adjustable shock absorber according to Claim 2 wherein, said solenoid valve includes means for controlling said second variable orifice.

5. The adjustable shock absorber according to Claim 4 wherein, said means for controlling said first and second orifices include a spool valve.

6. The adjustable shock absorber according to Claim 1 wherein, said valve assembly includes a first variable blowoff valve in communication with said upper working chamber.

7. The adjustable shock absorber according to Claim 6 wherein, said first variable blowoff valve is in communication with said lower working chamber.

8. The adjustable shock absorber according to Claim 6 wherein, said shock absorber includes a reserve tube defining a reserve chamber, said first variable blowoff valve being in communication with said reserve chamber.

9. The adjustable shock absorber according to Claim 6 wherein, said valve assembly includes a solenoid valve having means for controlling said first variable orifice.

10. The adjustable shock absorber according to Claim 9 wherein, said means for controlling said first variable orifice includes a spool valve.

11. The adjustable shock absorber according to Claim 9 wherein, said solenoid valve includes means for controlling said second variable orifice.

13. The adjustable shock absorber according to Claim 12 wherein, said first variable blowoff valve is in communication with said lower working chamber and said second blowoff valve is in communication with said upper working chamber.

14. The adjustable shock absorber according to Claim 12 wherein, said shock absorber includes a reserve tube defining a reserve chamber, said first and second blowoff valves being in communication with said reserve chamber.

15. The adjustable shock absorber according to Claim 12 wherein, said valve assembly includes a solenoid valve having means for controlling said first variable orifice.

16. The adjustable shock absorber according to Claim 15 wherein, said means for controlling said first variable orifice includes a spool valve.

17. The adjustable shock absorber according to Claim 16 wherein, said solenoid valve includes means for controlling said second variable orifice.

18. The adjustable shock absorber according to Claim 1 wherein, said first variable orifice is in communication with said lower working chamber.

19. The adjustable shock absorber according to Claim 18 wherein, said second variable orifice is in communication with said upper working chamber.

20. The adjustable shock absorber according to Claim 1 wherein, said shock absorber includes a reserve tube defining a reserve chamber, said first and second variable orifices being in communication with said reserve chamber.